



Carnegie Mellon  
Software Engineering Institute

# Process Maturity Profile

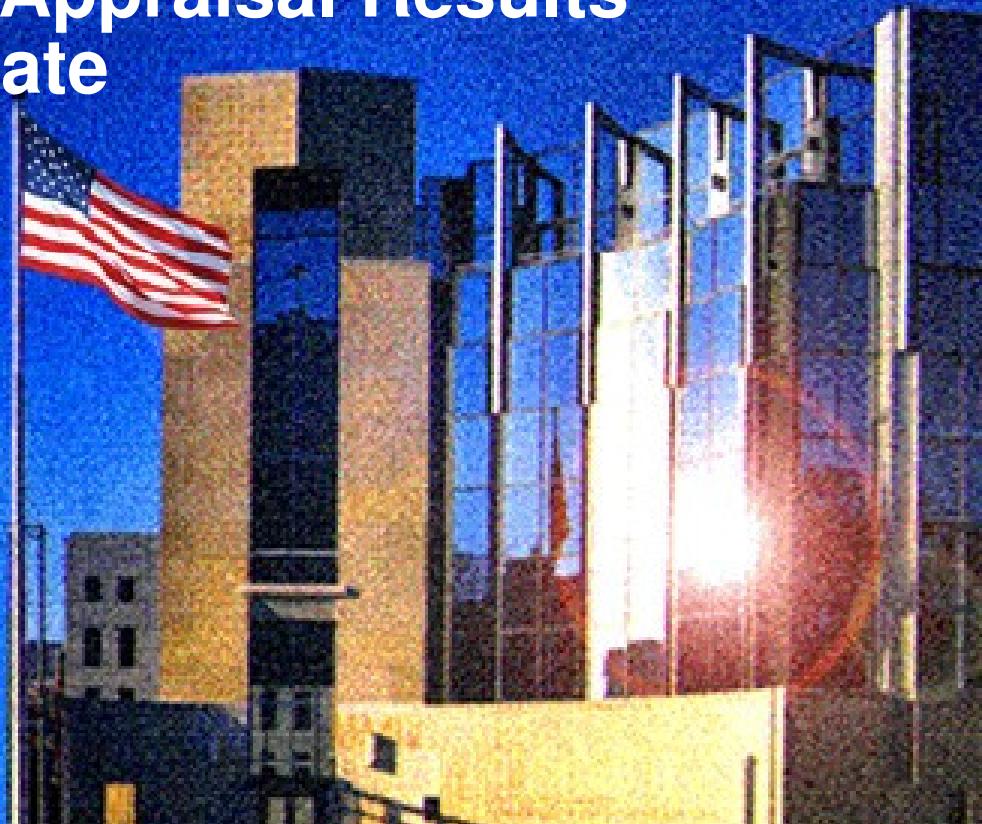
**CMMI®**  
**SCAMPI™ Class A Appraisal Results**  
**2007 Year-End Update**

**March 2008**

We could not produce this report without the support of the organizations and lead appraisers who reported their appraisal results to the SEI™.

Our many thanks for their continuing cooperation with our data collection and analysis efforts.

CMMI Appraisal Program



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# Outline

## Introduction

## Current Status

## Summary

## Terms used in this Briefing

## How to Report your Appraisal Results to the SEI

This briefing is based solely on the appraisals reported to the SEI. It cannot be used as a source for an exact indicator of all organizations in the world using CMMI models or appraisal methods nor can it be used for certification or verification purposes.

The SEI does not certify appraisal results or organizations. The SEI licenses SEI Partners, authorizes lead appraisers, team leaders and certified high maturity lead appraisers to conduct appraisals. Neither the SEI nor any other organization is a "certifying authority" of the results from a SCAMPI appraisal. Therefore requests to the SEI to provide information to be used for this purpose can not be fulfilled. Information provided by the SEI, such as this briefing, is to demonstrate reported results of the use of CMMI products and services only.

Organizations performing source selection or verification should consider performing an evaluation appraisal. For more information on appraisal methods and for a directory of authorized lead appraisers who can perform them, visit:  
<http://www.sei.cmu.edu/appraisal-program/>



# Introduction: Purpose

**Characterize the adoption of CMMI®**

**Describe results from Standard CMMI Appraisal Method for Process Improvement (SCAMPI<sup>SM</sup>) v1.1/v1.2 Class A appraisals using Capability Maturity Model<sup>®</sup> Integration (CMMI) v1.1 /v1.2 \***

**Encourage continued reporting of results**

\* Organizations previously appraised against CMMI v1.0 and which have not reappraised against v 1.1 are not included in this report

Please visit: <http://www.sei.cmu.edu/appraisal-program/profile/index.html> for additional information or questions you may have about this briefing before contacting the SEI directly



# Current Status

**SCAMPI v1.1/v1.2 Class A appraisals conducted from the  
SCAMPI V1.1 April 2002 release through December 2007  
and reported to the SEI by January 2008**

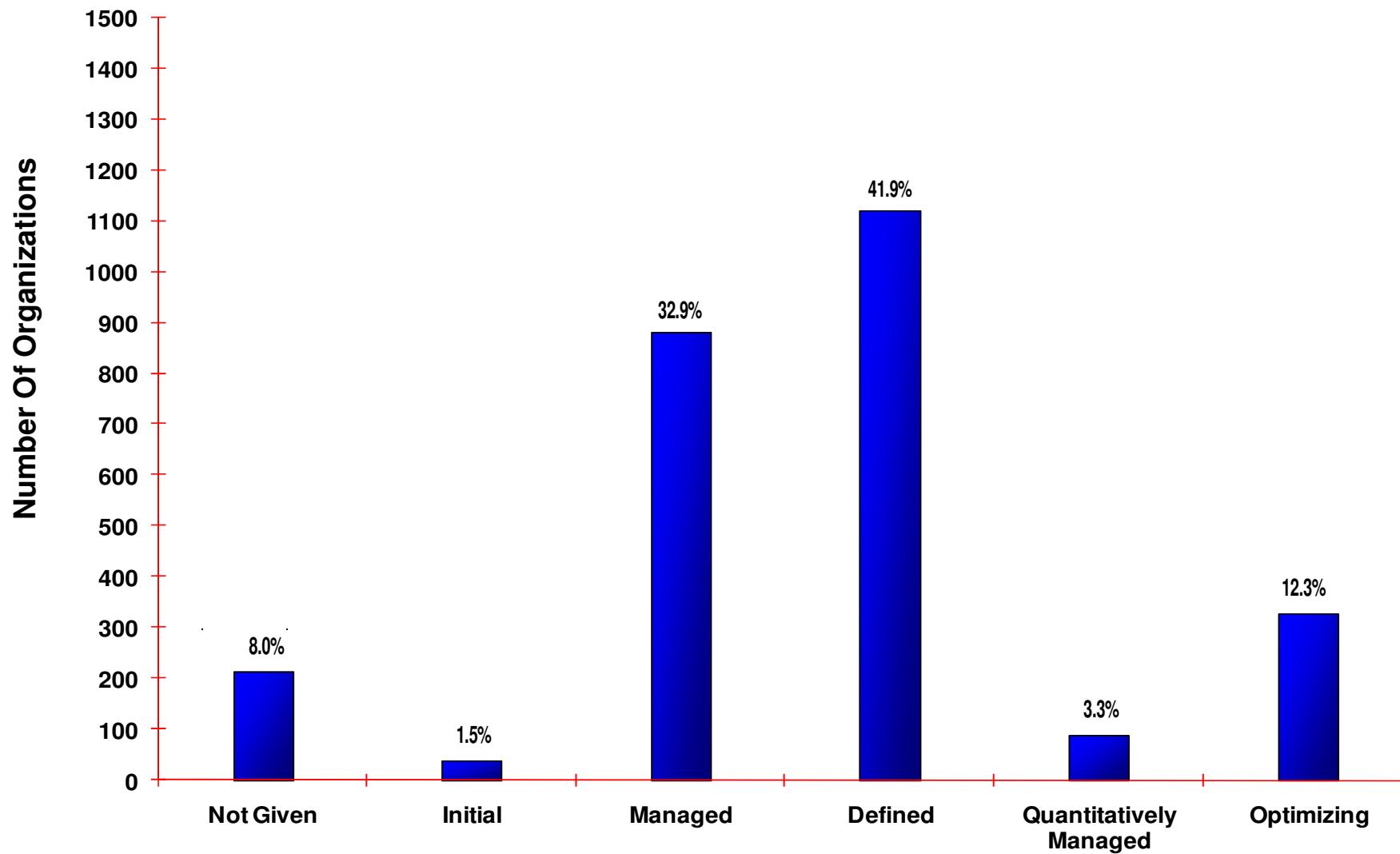
- 3,113 **appraisals**
- 2,674 **organizations**
- 1,882 **participating companies**
- 361 **reappraised organizations**
- 14,620 **projects**
- 68.6% **Non-USA organizations**

**Please refer to: Terms Used in this Report on page 22**

Additional charts providing different views and break down of this information will be added to this briefing as more appraisal data is reported to the SEI over time.



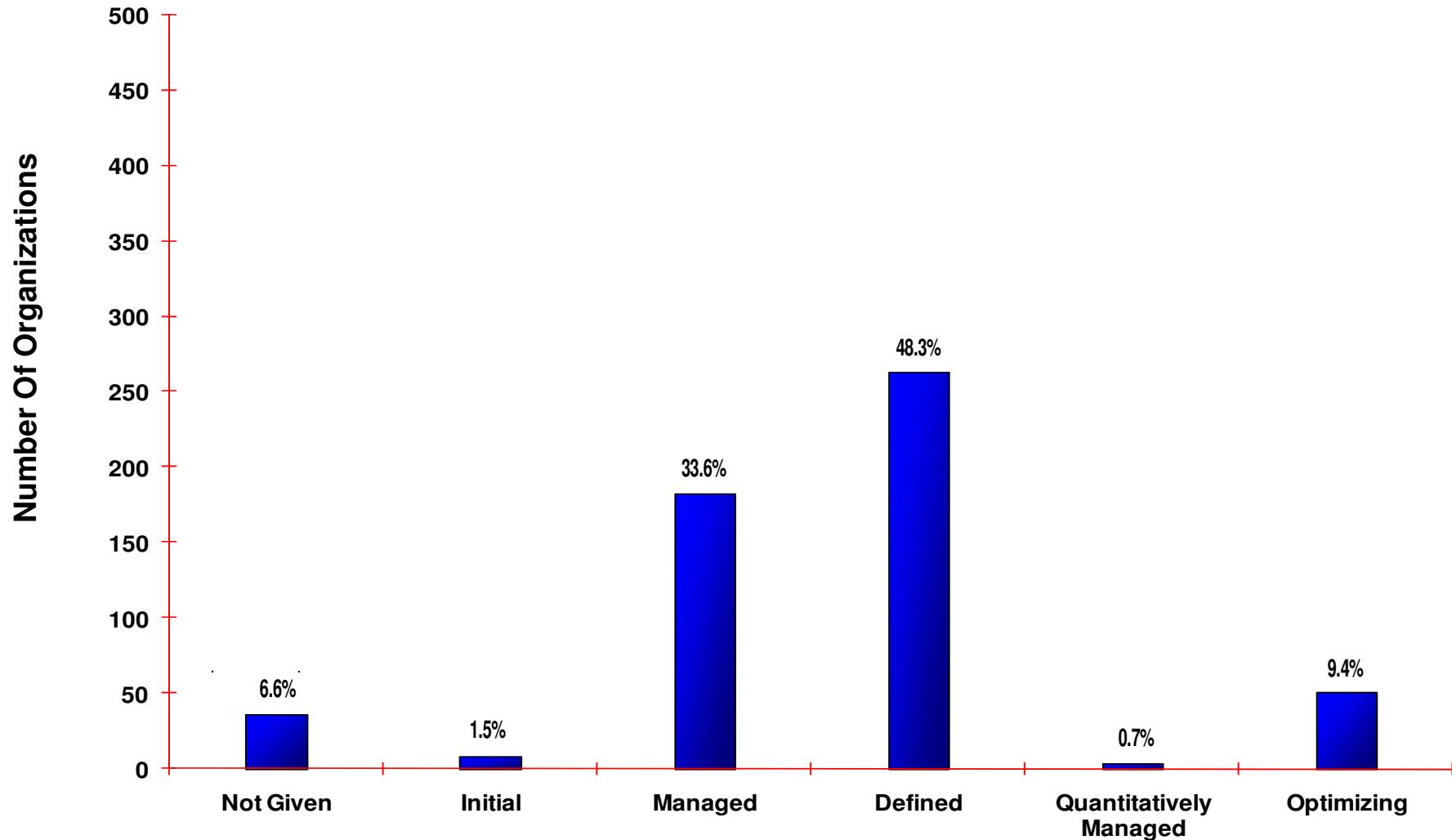
# Process Maturity Profile by All Reporting Organizations



Based on most recent appraisal of 2674 organizations



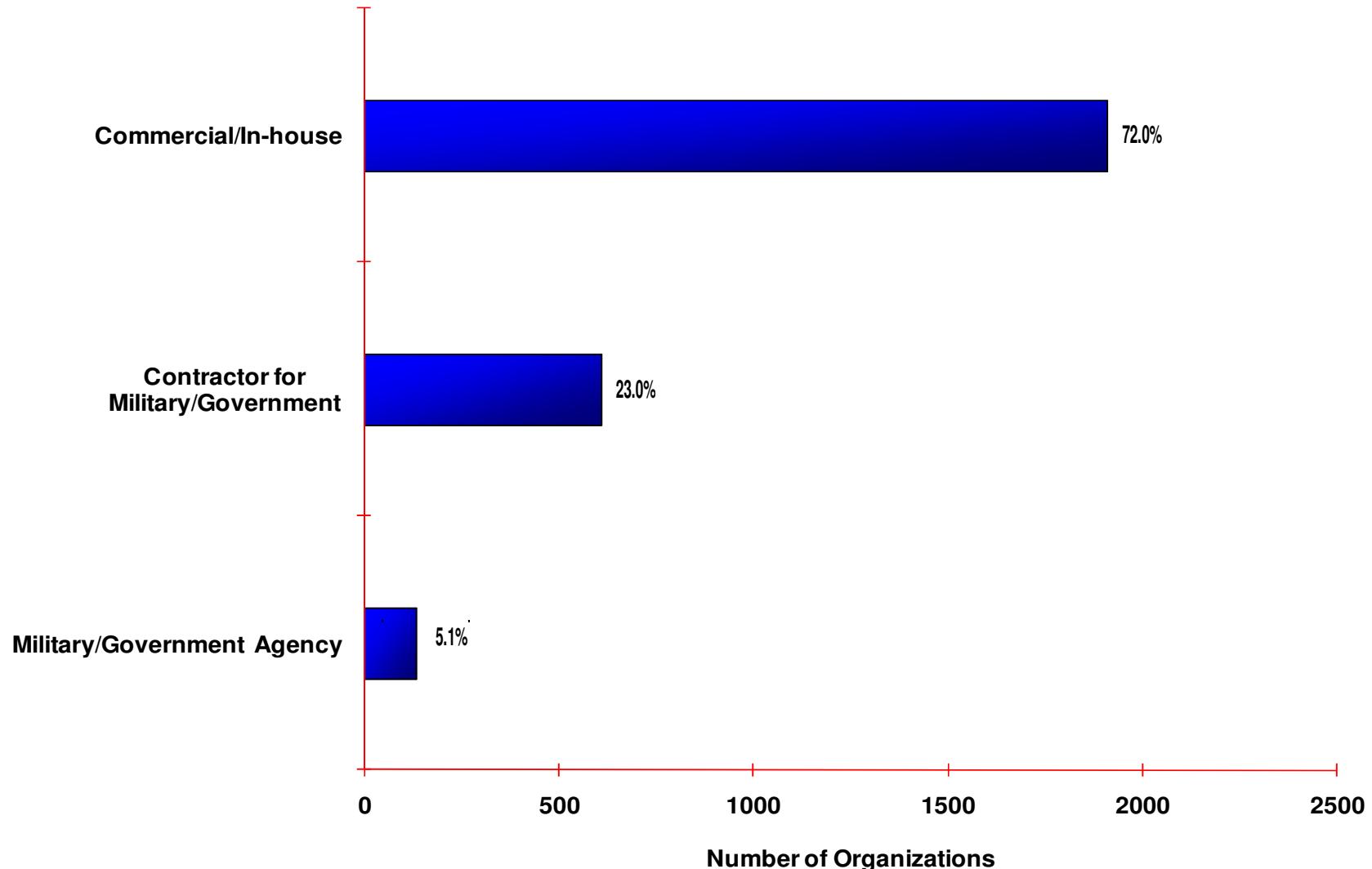
# Process Maturity Profile (V1.2 Only) by All Reporting Organizations



Based on most recent appraisal of 545 organizations



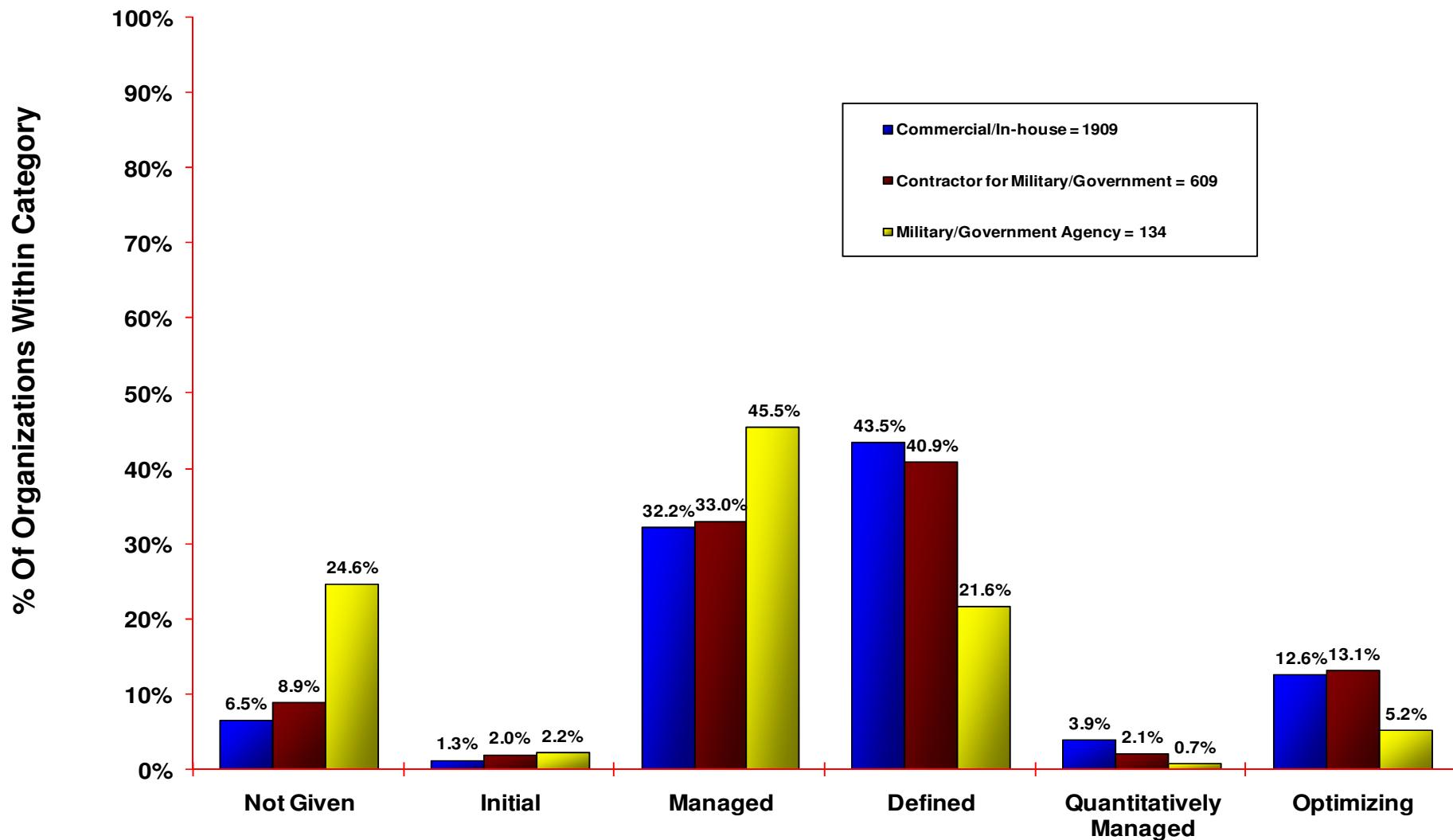
# Reporting Organization Categories



Based on 2652 organizations reporting an organization category



# Process Maturity Profile by Reporting Organization Categories

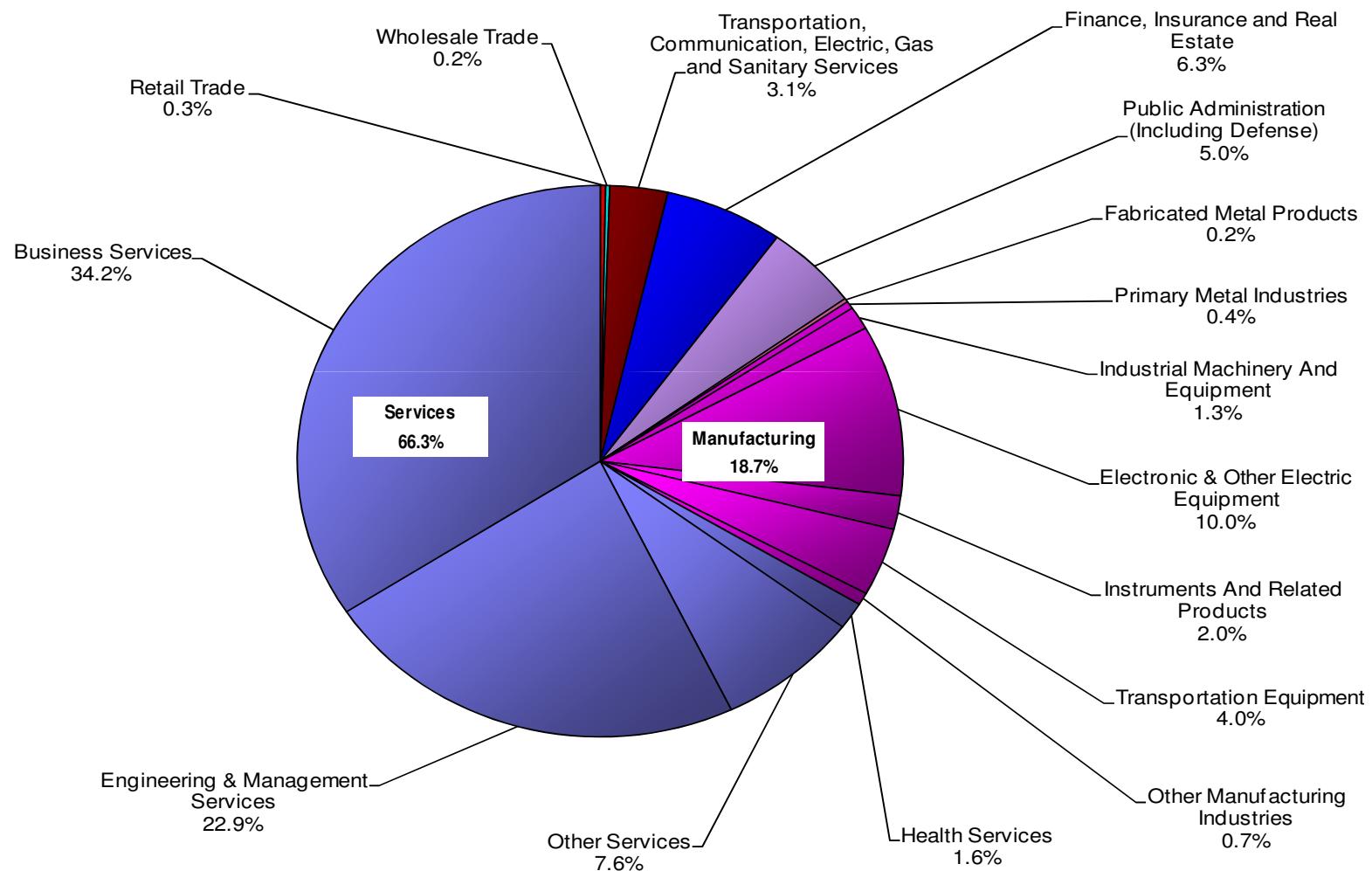


Based on most recent appraisal of 2652 organizations reporting an organization category



# Organization Type

Based on Primary Standard Industrial Classification (SIC) Code

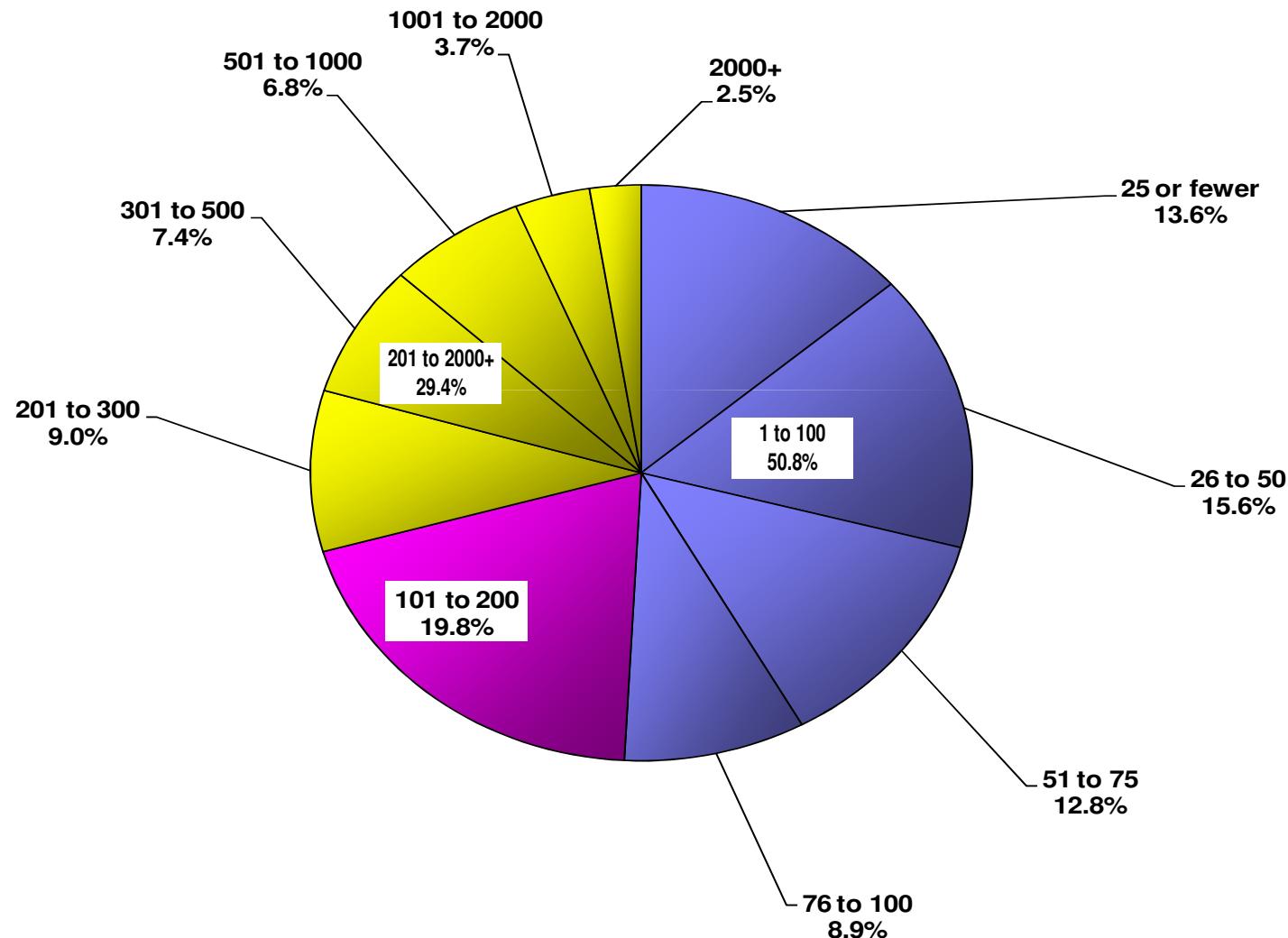


Based on 1784 organizations reporting SIC code. For more information visit: <http://www.osha.gov/oshstats/sicser.html>



# Organization Size

Based on the total number of employees within the area of the organization that was appraised

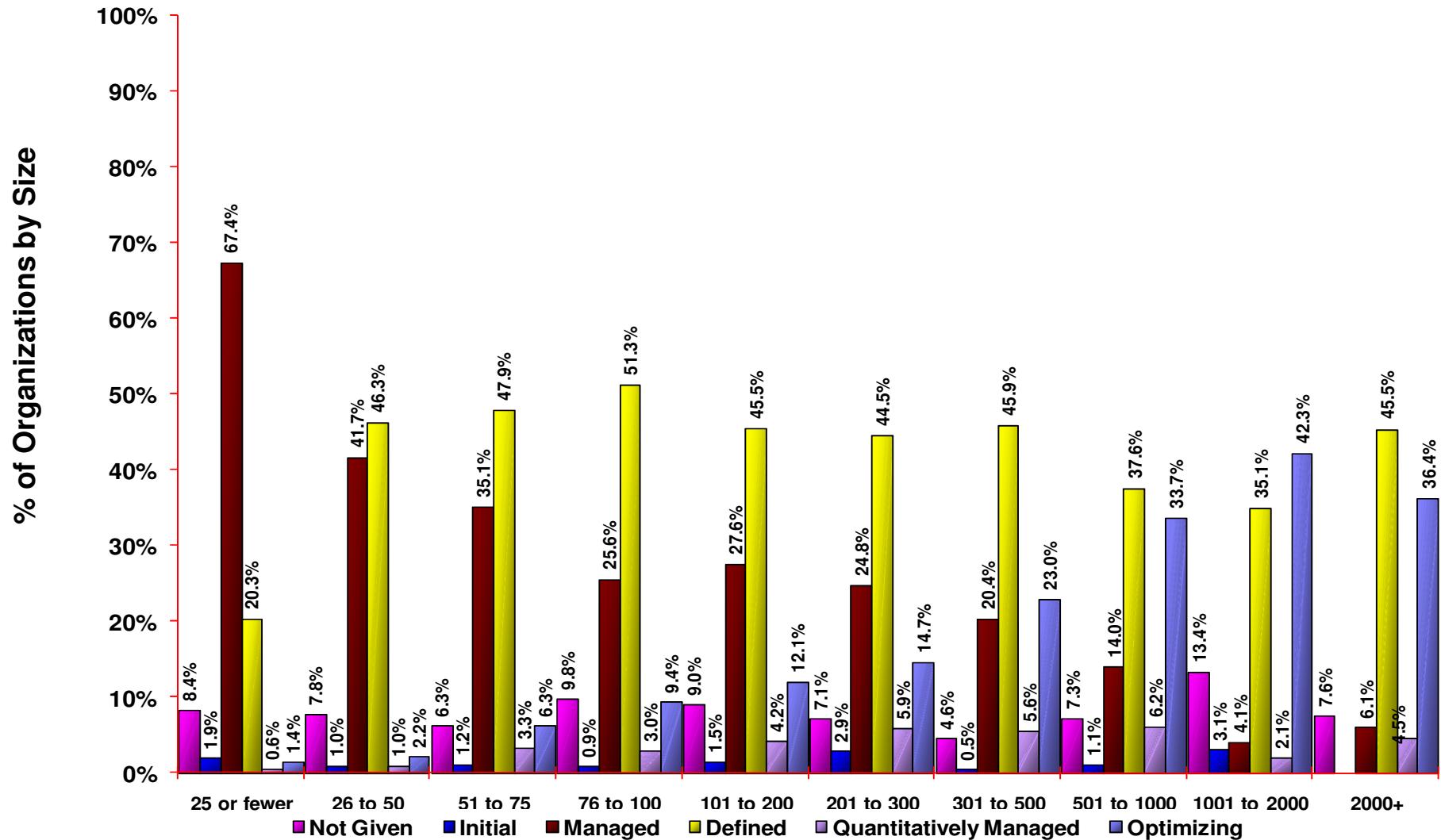


Based on 2635 organizations reporting size data



# Maturity Profile by Organization Size

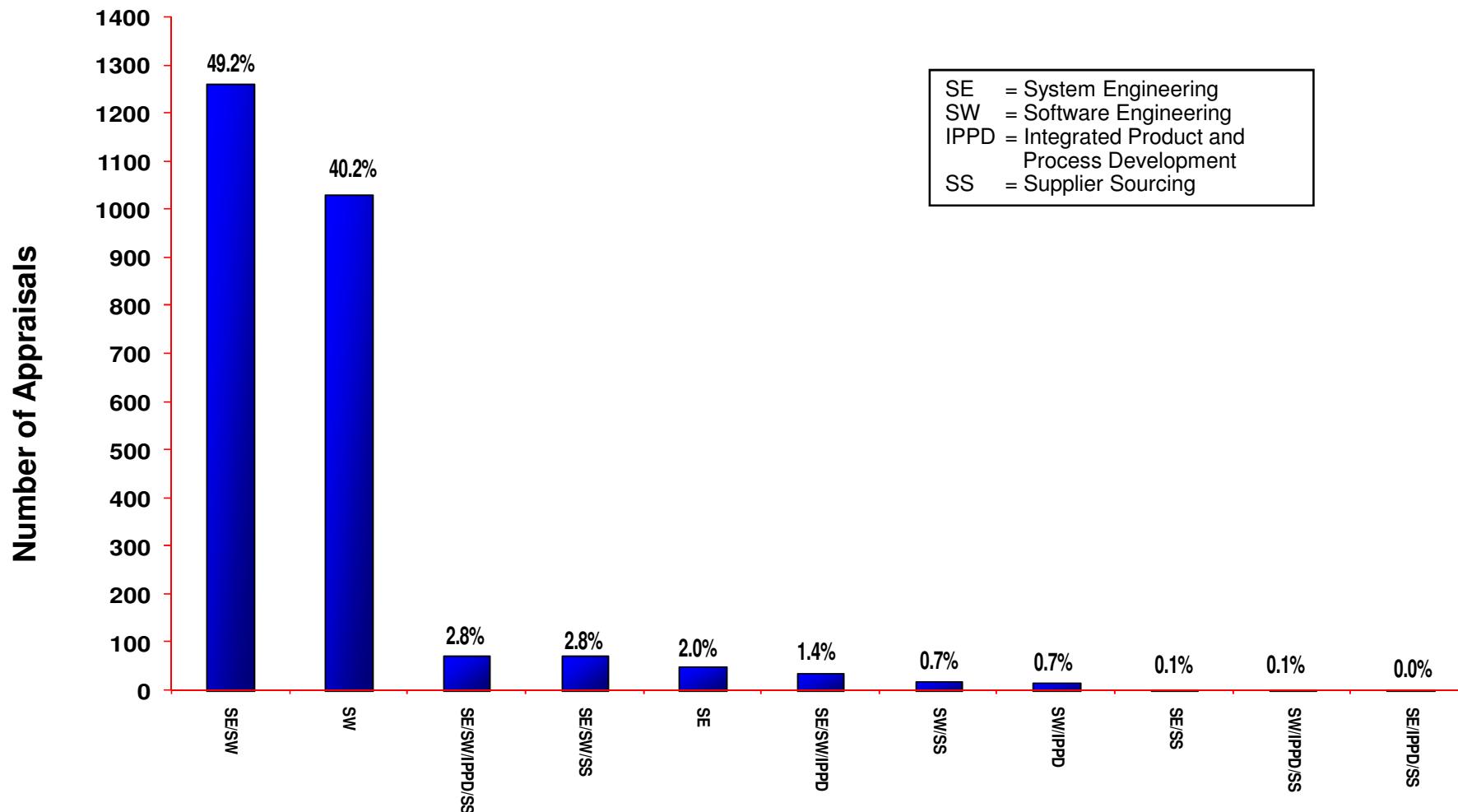
Based on the total number of employees within the area of the organization that was appraised



Based on 2635 organizations reporting size data



# Disciplines Selected for Appraisals (V1.1 Only)

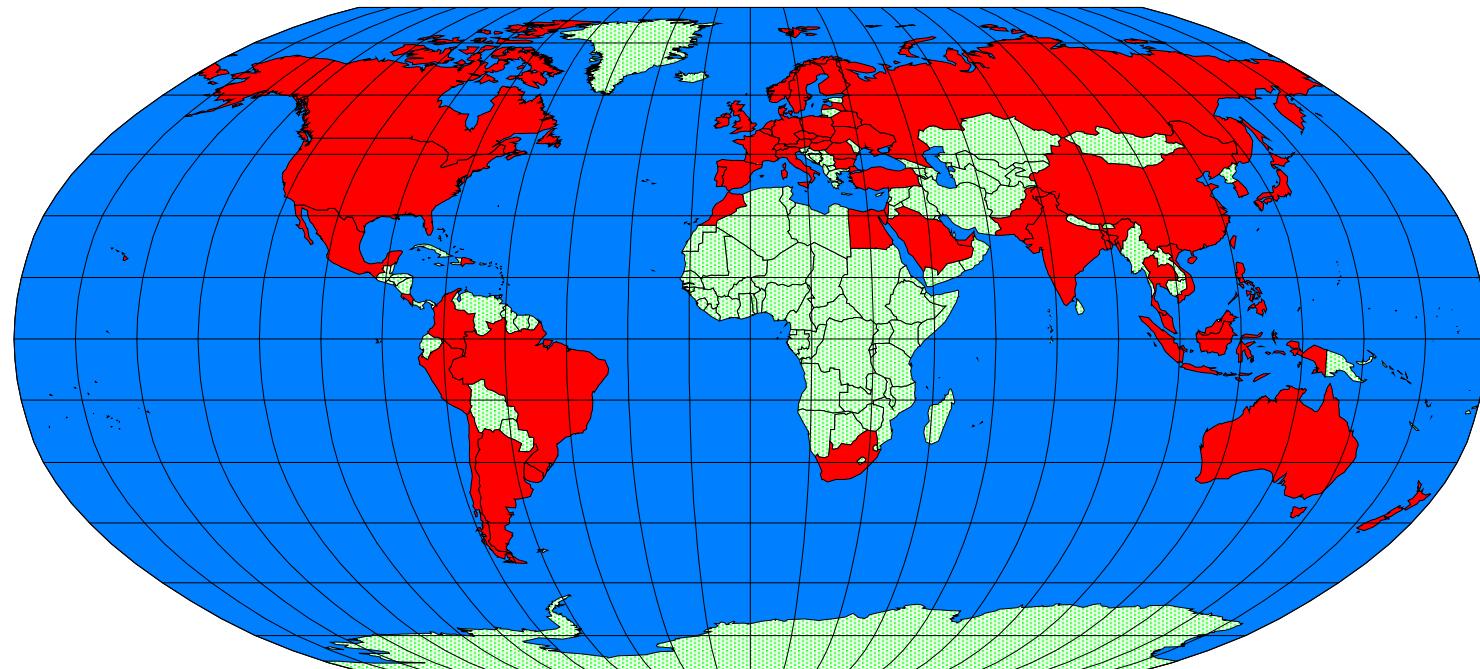


Based on 2,565 appraisals reporting discipline data

For more information about Allowable Models & Combinations, visit: <http://www.sei.cmu.edu/cmmi/background/aspec.html>



# Countries where Appraisals have been Performed and Reported to the SEI

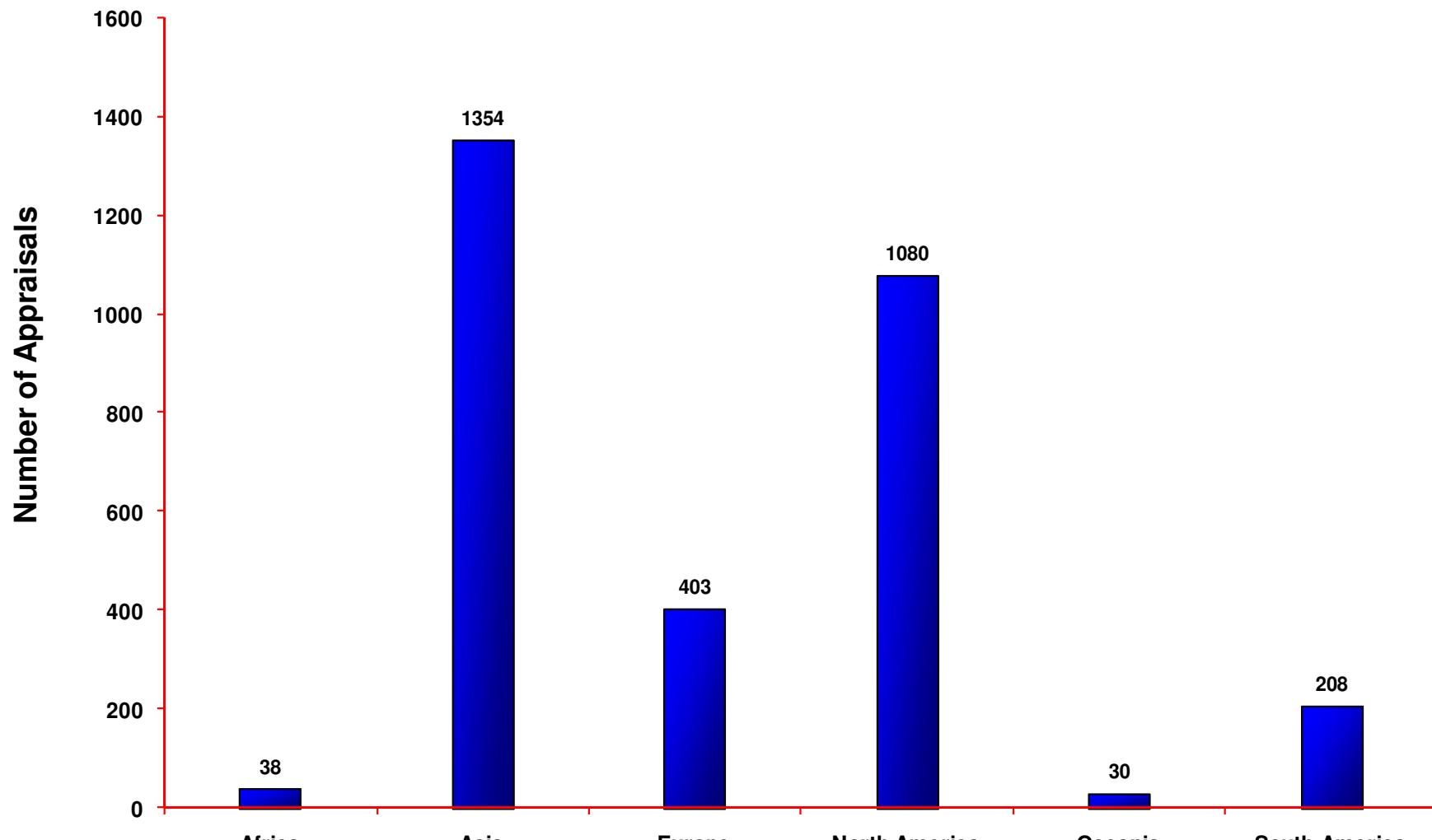


Argentina	Australia	Austria	Bahrain	<b>Bangladesh</b>	Belarus	Belgium	Brazil
Bulgaria	Canada	Chile	China	Colombia	Costa Rica	Czech Republic	Denmark
Dominican Republic	Egypt	Finland	France	Germany	Hong Kong	Hungary	India
Indonesia	Ireland	Israel	Italy	Japan	Korea, Republic Of	Latvia	Malaysia
Mauritius	Mexico	Morocco	Netherlands	New Zealand	Norway	Pakistan	Peru
Philippines	Poland	Portugal	Romania	Russia	Saudi Arabia	Singapore	Slovakia
South Africa	Spain	Sweden	Switzerland	Taiwan	Thailand	Turkey	Ukraine
United Arab Emirates	United Kingdom	United States	Uruguay	Viet Nam			

Red country name: New additions with this reporting



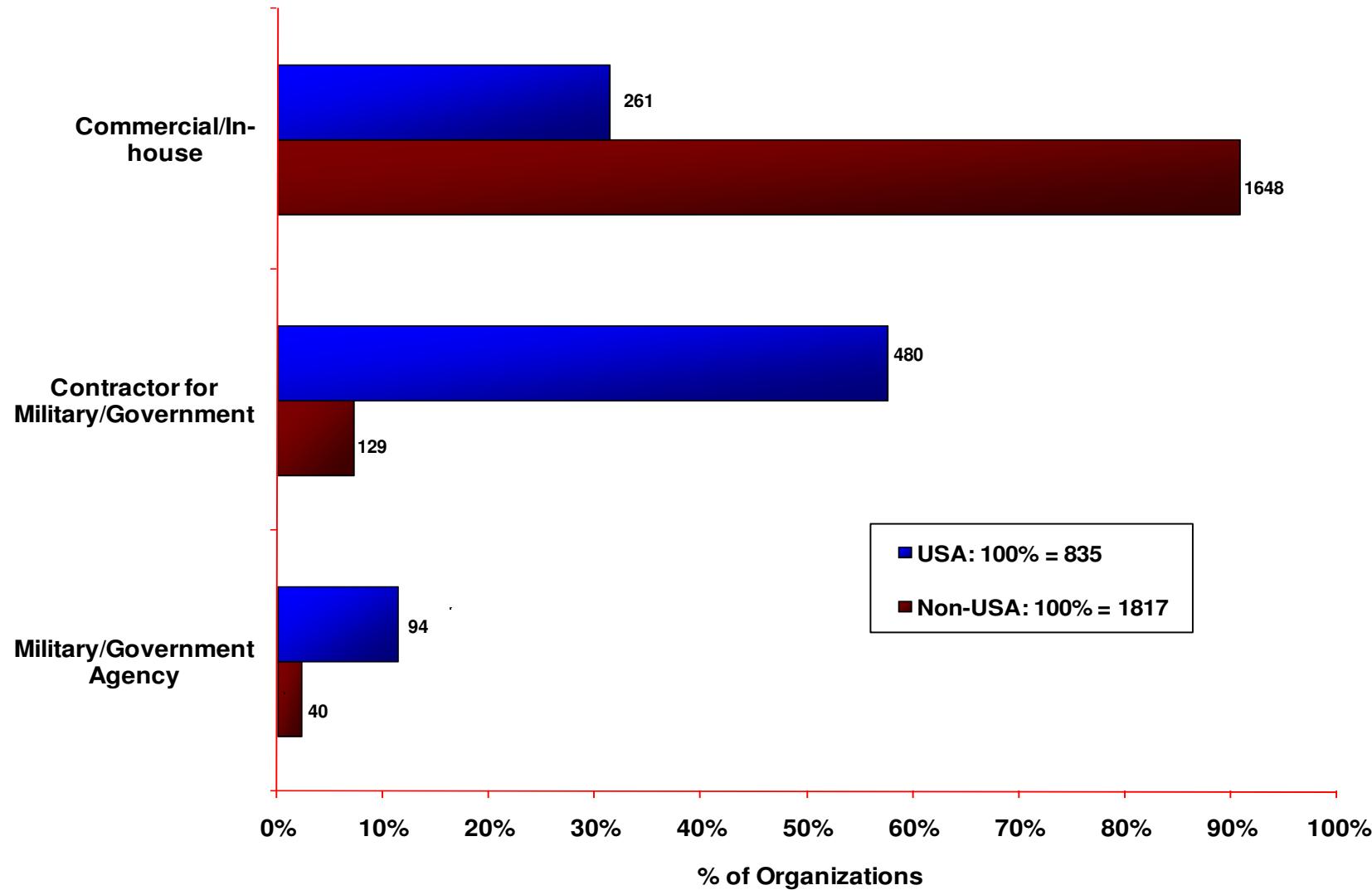
# Number of Appraisals Reported to the SEI by Continent



Based on 3113 appraisals



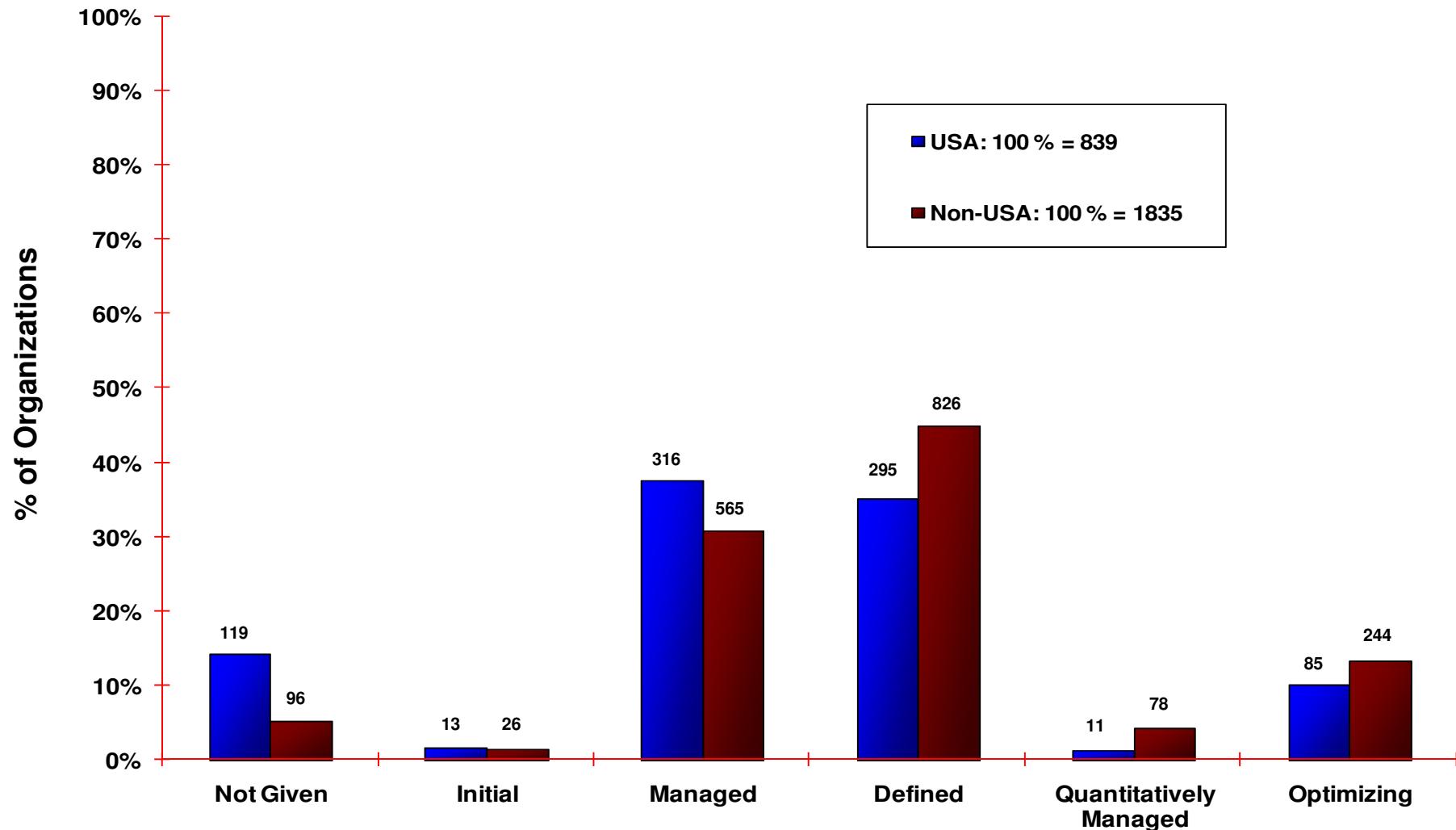
# USA and Non-USA Reporting Organization Categories



Based on 839 USA organizations and 1817 Non-USA organizations reporting an organization category



# Maturity Profile by All Reporting USA and Non-USA Organizations



Based on 839 USA organizations and 1835 Non-USA organizations



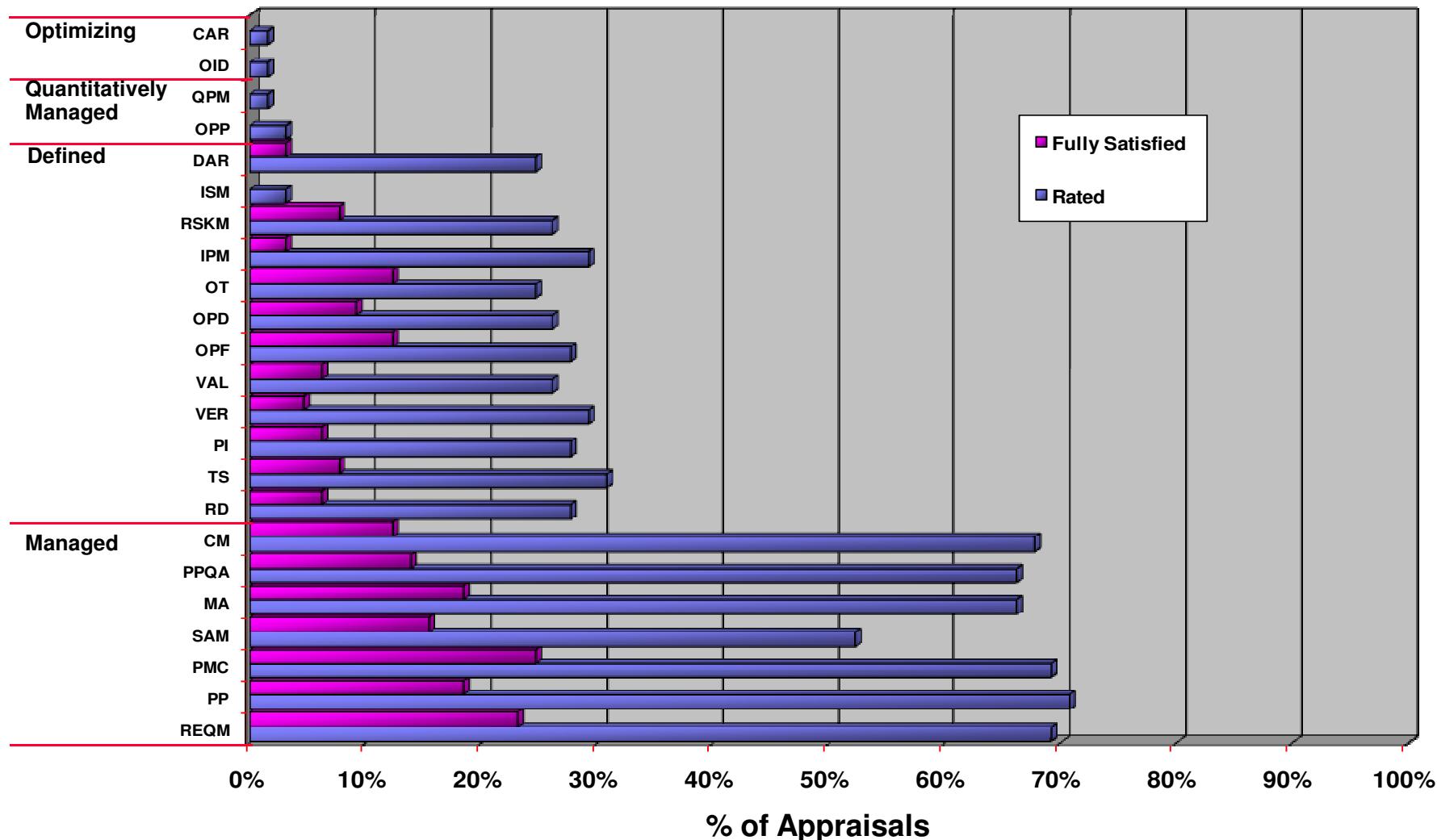
# Number of Appraisals and Maturity Levels Reported to the SEI by Country

Country	Number of Appraisals	Maturity Level 1 Reported	Maturity Level 2 Reported	Maturity Level 3 Reported	Maturity Level 4 Reported	Maturity Level 5 Reported	Country	Number of Appraisals	Maturity Level 1 Reported	Maturity Level 2 Reported	Maturity Level 3 Reported	Maturity Level 4 Reported	Maturity Level 5 Reported
Argentina	47	31	10	2	3		Malaysia	42	15	24			3
Australia	29	1	8	4	2	4	Mauritius	10 or fewer					
Austria	10 or fewer						Mexico	39	1	18	13	3	4
Bahrain	10 or fewer						Morocco	10 or fewer					
Bangladesh	10 or fewer						Netherlands	10 or fewer					
Belarus	10 or fewer						New Zealand	10 or fewer					
Belgium	10 or fewer						Norway	10 or fewer					
Brazil	79	37	31	1	8		Pakistan	14	1	8	3		1
Bulgaria	10 or fewer						Peru	10 or fewer					
Canada	43	10	18	5	3		Philippines	20	2	10			7
Chile	20	13	5		1		Poland	10 or fewer					
China	465	1	103	293	18	34	Portugal	10 or fewer					
Colombia	18	6	9	1	2		Romania	10 or fewer					
Costa Rica	10 or fewer						Russia	10 or fewer					
Czech Republic	10 or fewer						Saudi Arabia	10 or fewer					
Denmark	10 or fewer						Singapore	16	3	8	1	4	
Dominican Republic	10 or fewer						Slovakia	10 or fewer					
Egypt	27	12	11	2	2		South Africa	10 or fewer					
Finland	10 or fewer						Spain	75	1	49	21	1	3
France	112	4	67	34	1	2	Sweden	10 or fewer					
Germany	51	7	27	7	1	1	Switzerland	10 or fewer					
Hong Kong	14	1	9		4		Taiwan	88	60	25			2
Hungary	10 or fewer						Thailand	10 or fewer					
India	323	1	11	127	22	151	Turkey	10 or fewer					
Indonesia	10 or fewer						Ukraine	10 or fewer					
Ireland	10 or fewer						United Arab Emirates	10 or fewer					
Israel	16	3	9		2		United Kingdom	71	3	36	24	1	2
Italy	17	9	8				United States	1034	25	365	347	21	114
Japan	220	16	64	88	13	15	Uruguay	10 or fewer					
Korea, Republic Of	107	1	31	48	11	7	Viet Nam	10 or fewer					
Latvia	10 or fewer												



# Process Area Profiles - 1

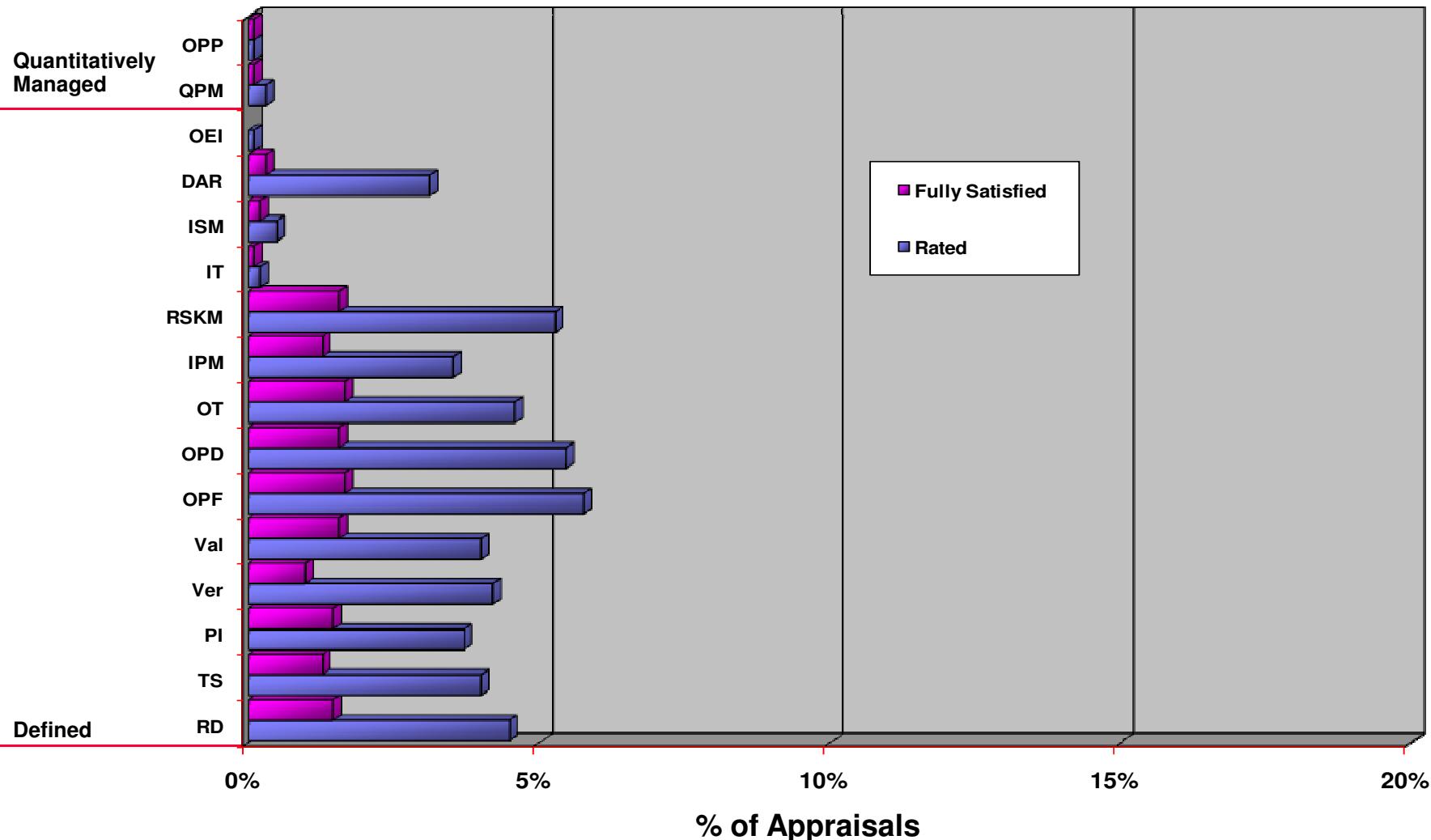
## Organizations Appraised at Maturity Level 1



Based on 65 appraisals reporting a maturity level 1 rating



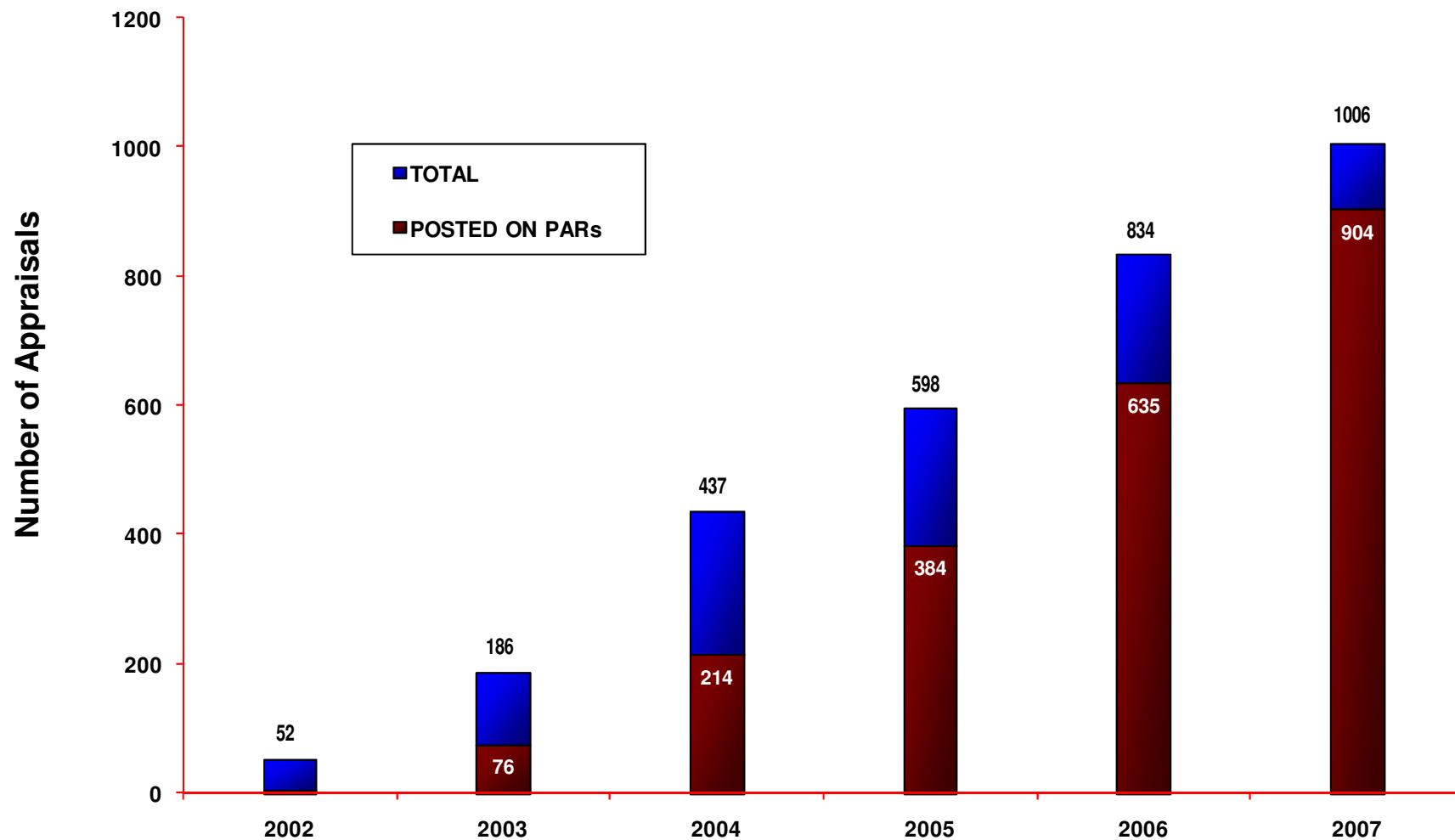
# Process Area Profiles - 2 Organizations Appraised at Maturity Level 2



Based on 1024 appraisals reporting a maturity level 2 rating



## Number of SCAMPI A Appraisals Reported to SEI by Year



Based on 3113 appraisals



## Summary

**3113 appraisals have been reported to the SEI in 70 months**

**The Organization Category of “Commercial/In-house” reports most of the appraisals**

**The highest percentage of “Commercial/In-house” reporting appraisals is from outside the USA**

**The highest percentage of “Military/Government Agency” reporting appraisals is from the USA**

**Outside the USA: China, India, Spain, Argentina, Brazil and Malaysia reported appraisals are increasing at a rapid rate**

**Additional information and charts will be added to this briefing as more appraisals are reported and more data is available to support the breakdowns**



# Terms Used in this Report

## Company

- Parent of the appraised entity

A company can be a commercial or non-commercial firm, for-profit or not for-profit business, a research and development unit, a higher education unit, a government agency, or branch of service, etc.

## Organization

- a.k.a. Appraised entity

The organization unit to which the appraisal results apply. An appraised entity can be the entire company, a selected business unit, units supporting a particular product line or service, etc.

## Non-USA

- Appraised entity whose geographic location is not within the United States. The parent of the appraised entity may or may not be based within the United States.



# Report your Appraisal Results to the SEI

**The briefing is only possible due to the cooperation of organizations and individuals sending in their appraisal results to the SEI**

**In order to provide this information and service in the future, it will depend on this continued cooperation**

**Please visit:**

**<http://www.sei.cmu.edu/appraisal-program/profile/index.html>**

**for forms, information, and instructions on how to report appraisals to the SEI**



# Contact Information

**Please visit:**

**<http://www.sei.cmu.edu/appraisal-program/profile/index.html>**

**and review the information provided before contacting:**

**SEI Customer Relations** (412) 268-5800  
**SEI FAX number** (412) 268-5758

**Internet Address**  
**customer-relations@sei.cmu.edu**

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